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Small Fruits Tree Fruits Induced.

GARDNER
and
SONS.

GARDNER
and
SONS.

ESTABLISHED, 1869

P. O. BOX 74

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★ OCT 16 1891 ★

U. S. Department of Agriculture.

19TH ANNUAL CATALOGUE

OF THE

OSAGE NURSERY

GARDNER & SONS, PROPS

OSAGE, IOWA

OUR TREES ARE NURSERY GROWN. NO WILD
OR IMPORTED EVERGREENS OFFERED
AT ANY PRICE

1891.

GARDNER
and
SONS.

GARDNER
and
SONS.

TUTTLE & GRAY CO., PRINT, OSAGE, IA.

To Our Patrons.

In presenting our Catalogue for the year 1891, we desire to extend our thanks for the very liberal patronage bestowed upon us in the past and hope by close attention to the interests of those who favor us with orders to merit a continuance of same in the future.

We take this occasion to thank the many customers who have written us friendly and complimentary letters on the manner of packing and quality of the plants sent them.

While we are anxious to obtain new customers, we have just as great a desire to retain present ones. To do this we expect to treat them well, and we have the disposition and ability to do so.

Prices quoted in this Catalogue are as low as first-class nursery grown plants, properly packed, can be furnished. Our stock is all nursery grown, on our own grounds, and is very fine.

We pack in the best possible manner and as light as is consistent with safety.

All plants packed in moss. Boxing and baling free.

Write your name plainly and give nearest Express or Freight office, also your Postoffice address with county and state. The prices herein quoted, abrogate all other prices heretofore published by this Nursery. After goods are delivered at Express or Freight office they will be at the risk of purchasers. Terms cash.

Our stock is first-class in every respect. We guarantee good plants and full count. We grow all our stock from seed which is much better than imported stock. We have a fine lot of evergreens that have been subjected to a long course of treatment by shearing and root pruning that makes them especially valuable for immediate effect.

On receiving trees from a nursery, the boxes or packages should be immediately unpacked and the roots dipped in a puddle, made of rich, mellow soil, about the thickness of paint ready for use, and be careful not to let the roots get dry before planting. Place them in a cool, shady place until ready to plant, and if not immediately ready, heel them into the ground by placing the roots in a trench, covering well up with mellow soil, and well firming with the foot; if the ground is dry, give some water at planting. Set the trees a little deeper than they stood in the nursery, treading the earth firmly about the roots when planting. This is one of the essentials of success.

No matter how lately or how often you have written to us, always, give your name, Postoffice, county, and state, in full.

The Osage Nursery.

Established in 1869. Twenty-first year. Gardner and Sons, Proprietors.

We grow Evergreens from seed on our own grounds. We grow them by the million. We sell a better quality of trees, and more of them, for less money, than any firm in the United States. Millions of wild Evergreens are pulled up and shipped every year from our northern forests; such as White Pine, Balsam Fir, Blue Spruce, Hemlock Spruce, and Arbor Vitæ. These are sold by men who describe them as being as good or better than nursery grown trees. This is an unmitigated falsehood, as all who have been so unfortunate as to purchase, will testify. Plant nursery grown trees and you will become convinced that they are as easily grown as Cottonwoods. The only secret in handling Evergreens is to keep the roots moist, every second, from the time they are taken up until they are planted again.

Price List.

EVERGREEN SEEDLINGS.

	EACH	100	1.000
Norway Spruce, 1 yr.....	\$ 01	\$ 75	\$ 4 00
Scotch Pine, 1 yr.....	01	75	4 00
White Pine, 1 yr.....	01	75	5 00
White Spruce, 1 yr.....	01	75	5 00
Norway Spruce, 3-6 in.....	03	1 50	7 00
Scotch Pine, 2 yr. 6-10 in.....	04	2 00	8 00
White Pine, 2 yr. 3-5 in.....	03	2 00	9 00
Scotch Pine, 2 yr. 4-6 in.....	03	1 50	7 00

EVERGREENS.

(Transplanted one to three times.)

	DOZ.	100
Norway Spruce, stocky, 3 ft.....	30	3 00
Norway Spruce, stocky, 2-3 ft.....	25	2 50
Norway Spruce, stocky, 1-2 ft.....	15	1 50
White Spruce, 1-1½ ft.....	20	2 00
White Spruce, 10-12 in.....	15	1 50
Hemlock Spruce, 4-6 ft.....	50	4 00
Balsam Fir, 10-12 in.....	20	2 00
Balsam Fir, 10-12 in.....	15	1 50
		12 00

Northern Red Cedar, 3-4 ft.	50	4 00	30 00
Platt River Red Cedar, 4-6 in.	05	50	4 00
Arbor Vitæ 4-6 ft.	40	4 00	30 00
Arbor Vitæ 1½-2 ft.	15	1 50	12 00
Arbor Vitæ 1-1½ ft.	10	1 00	8 00
White Pine, 8-12 in.	12	1 20	9 00
White Pine, 2-4 in.	05	50	4 00
Scotch Pine, 8-12 in.	10	1 00	8 00
Scotch Pine, 6-8 in.	05	50	4 00

SHEARED EVERGREENS FOR LAWNS.

We have a large stock of trees that have been root pruned many times and the tops kept sheared in, that are in every respect the best for fine lawns that can be found in the Northwest. They run from 3 to 8 feet in height and can be shipped with perfect safety. Each tree is boxed singly for shipment. Parties desiring strictly first-class ornamental trees, should not fail to make a personal examination of our stock.

	PER FT.
Red Cedar, very fine, 3-7 ft.	50
Red Cedar, fine, 3-4 ft.	30
Arbor Vitæ, " 3-4 ft.	40
Norway Spruce, fine, 3-4 ft.	50
Norway Spruce, fine, 2-3 ft.	40
Balsam Fir, good, 2-3 ft.	25
Balsam Fir, good, 1½-2 ft.	20

The above are all first-class, and very fine.

NURSERY GROWN FOREST TREES.

	EACH	DOZEN	100	1,000
European Larch, 2-3 ft.	\$ 1 15	\$1 50	\$ 8 40	\$ 8
European Larch, 4-6 in.	03	30	1 50	7 00
American White Ash, 2-2½ ft.	01	10	1 00	5 00
American White Ash, 1-2 ft.		08	75	4 00
Soft Maple, 4-6 ft.	04	40	3 00	25 00
Soft Maple, 1-2 ft.	01	10	50	2 00
Soft Maple, 10 12 in.		08	40	1 50
Box Elder, 3-4 ft.	05	50	4 00	35 00
Rock Elm, 3-4 ft.	05	50	3 00	20 00
Rock Elm, 2-3 ft.	04	30	2 00	15 00
Rock Elm, 1-2 ft.	02	20	1 00	7 00
White Elm, 3-6 ft.	04	40	2 00	15 00
White Elm, 2-3 ft.	03	30	1 50	12 00
Mt. Ash, 4-6 ft.	35	3 00	30 00	

HORSE CHESTNUTS.

We make a specialty of raising these beautiful trees. We raise them from the seed on our own grounds. For a novelty in yard or cemetery trees they cannot be beat, as they are perfectly hardy and make splendid shade.

All orders for Horse Chestnuts must be received before May 20, as it is too late to ship them after that date.

	EACH	DOZEN	100	1,000
Horse Chestnut, 6-10 ft.	2 00	13 00		
Horse Chestnut, 3-4 ft.	20	2 00	15 00	100 00
Horse Chestnut, 2-3 ft.	15	1 50	12 00	75 00
Horse Chestnut, 4-6 ft.	10	.75	7 00	60 00
Horse Chestnut, 1 yr.	08	.60	5 00	

BARBERRY.

The great hedge plant for the North, perfectly hardy, makes a first-class fence and bear's splendid fruit for preserves.

Barberry Hedge, 2-3 ft	15	1 50	10 00	40 00
Barberry Hedge, 1-2 ft	10	1 00	8 00	
Barberry Hedge, 2 yr.	05	.50	4 00	30 00

APPLES.

Dutchess, 5-7 ft	30	3 00	20 00	
Dutchess, 4-5 ft	25	2 50	18 00	
Wealthy, 5-7 ft	30	3 00	20 00	
Wealthy, 4-5 ft	25	2 50	18 00	
Hass, 5-7 ft	30	3 00	20 00	
Hass, 4-5 ft	25	2 50	18 00	
Peach, 5-7 ft	30	3 00	20 00	
Peach, 4-5 ft	25	2 50	18 00	
Charlamoff, 5-7 ft., Russian	30	3 00	20 00	
Charlamoff, 4-5 ft., Russian	25	2 50	18 00	
Hibernal, 5-7 ft., Russian	30	3 00	20 00	
Hibernal, 4-5 ft., Russian	25	2 50	18 00	
Leibg, 5-7 ft., Russian	30	3 00	20 00	
Leibg, 4-5 ft., Russian	25	2 50	18 00	
Pendant Ear, 5-7 ft., Russian	30	3 00	20 00	
Pendant Ear, 4-5 ft., Russian	25	2 50	18 00	
Zolotoreff, 5-7 ft., Russian	30	3 00	20 00	
Zolotoreff, 4-5 ft., Russian	25	2 50	18 00	
Virginia, 5-7 ft	30	3 00	20 00	
Virginia, 4-5 ft	25	2 50	18 00	
President Hayes, 5-7 ft	30	3 00	20 00	
President Hayes, 4-5 ft	25	2 50	18 00	

Tetofskey, same as Dutchess

Richland Winter Sweet, 5-7 ft.....	30	3 00	20 00
Richland Winter Sweet, 4-5 ft.....	25	2 50	18 00
Patten's Greening, 5-7 ft.	45	5 00	38 00
Iowa Beauty, 5-7 ft	45	5 00	38 00
Whitney No. 20, Large Crab, 5-7 ft.	30	3 00	20 00
Hyslop Crab 5-7 ft	30	3 00	20 00
Hyslop Crab, 4-5 ft	25	2 50	18 00
Transcendent Crab, 5-7 ft.	30	3 00	20 00
Transcendent Crab, 4-5 ft.	25	2 50	18 00

PLUMS.

DeSota, Wolf, Forest Garden, Wyant, Weaver, Hawkeye, Wild Goose, Forest Rose, Maquoketa, Charles Downing, Miner, Pottawattamie. 1 to 2 ft., 25 cents. 2 to 4 ft., 50 cents.

CHERRIES.

Early Richmond, English Morrello, Ostheim. 50 cents each. \$4 50 per dozen.

CURRANTS.

	EACH	DOZEN	100
White Dutch, 2 yr.....	10	75	5 00
Red Dutch, 2 yr.....	10	75	5 00
White Grape, 2 yr	10	75	5 00
Long Bunch Holland, 2 yr.....	10	75	5 00
Victoria, 2 yr.....	10	75	5 00

GRAPES.

Concord, large black, 2 yr.....	30	3 50
Clinton, black, 2 yr.....	30	3 50
Cottage, black, 2 yr	30	3 50
Draycut, red, 2 yr	30	3 50
Amber, red, 2 yr	30	3 50
Martha, white, 2 yr	30	3 50
Delaware, red, 2 yr.....	30	3 50
Champion, black, 2 yr.....	30	3 50
Moore's Early, large black, very early, 2 yr.....	30	3 50
Warden, black 2 yr.....	30	3 50
Janesville, Black, 2 yr.....	30	3 50

GOOSEBERRIES.

Houghton, 2 yr.....	25	2 00
Smith, 2 yr.....	25	2 00
Downing, 2 yr.....	25	2 00

DWARF JUNE BERRIES.

8-12 in.....	07	70	5 00
12-24 in.....	12	1 25	10 00
2-3 ft.....	30	3 00	

BLACKBERRIES.

Snyder.....	07	75	2 00
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BLACK RASPBERRIES.

Tyler.....	07	75	2 00
Ohio.....	07	75	2 00
Manamoth Cluster.....	07	75	2 00

RED RASPBERRIES.

Cuthbert.....	06	60	2 00
Philadelphia.....	06	60	2 00
Turner.....	06	60	2 00

STRAWBERRIES.

Crescent Seedling.....	05	30	1 50
Wilson.....	05	30	1 50
Glendale.....	05	30	1 50
Mrs. Garfield.....	05	30	1 50
Bidwell.....	07	40	2 00
Gardner's Seedling, No. 1.....	10	1 00	5 00
Lady Rusk.....	10	1 00	5 00

ROSES.

Queen of the Prairie, climbing rose, bright red.....	25
Baltimore Belle, pale blush, very beautiful.....	25
Gem of the Prairie.....	25
Pride of Washington, very hardy.....	25
Madam Blanchard.....	25
Velvet, dark.....	25
Scotch, white, yellow.....	25
Cinnamon.....	25
Afriean, dark.....	25
Madam Plantier, white.....	25

PAEONIES.

Red, Pink, White, and Rose.....	25
Flowering Almonds, pink and white.....	25 2 40
Bleeding Heart.....	25 2 40
Dogwood.....	25 2 40
Honeysuckle, pink or white.....	25 2 40
Phlox.....	25 2 40
Lily of the Valley.....	25 2 40

Lemon Lily.....	25	2 40
Syringa.....	25	2 40
Spireas	25	2 40
Lilac	25	2 40

SCOTCH PINE.

This tree, often called Scotch Fir, is probably the most useful and numerous, as well as the most familiar, of all the European species. It is, in its native country, what the White Pine is with us. Throughout the central countries of Europe, this species forms vast forests. In those countries the Scotch Pine attains a height of 100 feet, and is frequently met with, five feet in diameter. It is one of the fastest growing trees of the genus; its rapidity of growth, great hardiness, and the facility with which it may be grown on almost all soils; has rendered this tree a great favorite with tree planters. It is of great value for timber, and makes first-class wind breaks.

WHITE PINE.

The White Pine forms a large tree, from 100 to 160 feet in height. When grown in extensive forests, it generally presents a tall, naked stem, devoid of branches for at least two-thirds of its length, thus affording valuable logs. When cultivated for ornament the real beauty of this tree becomes apparent, and it takes a high rank in landscape gardening. It is extremely hardy, but should never be planted in wet, undrained subsoil. Select good corn ground or any place that is naturally or artificially drained. In addition to its great value as a timber tree, it makes the best wind break known.

NORWAY SPRUCE.

A recent writer has said of this tree that it is "so well known and so useful, that the term, *Evergreen*, has become almost synonymous with *Norway Spruce*." It usually attains the height of 120 to 150 feet and from 3 to 5 feet in diameter. It is probably the largest conifer in Europe. In Josiah Hoopes' Book of Evergreens, he says, "In a comparison of this tree with our native species, we must confess to having not one that will compare with this invaluable tree, for every purpose. Its great hardiness enables it to withstand the utmost rigors of every part of our country, and the ease with which it adapts itself to almost every soil, stamps it superior in that respect. Its gracefulness of outline, its rapidity of growth, and dark verdure, also render it particularly pleasing and have placed it at the head of the list of evergreens." It makes the best wind break known, it forms a beautiful hedge, bearing the shears with impunity, becoming very dense, and retaining that peculiar dark green color so universally admired. The wood is very valuable; white, and quite elastic.

BALSAM FIR.

This tree grows from 40 to 80 feet high, and forms a compact, conical tree of regular outline and rapid growth. It has long been a popular ornamental tree.

HEMLOCK SPRUCE.

This is emphatically a northern tree. Throughout our northern border and in the British Possessions, it forms vast forests, stretching for hundreds of miles, and is frequently unassociated with any other species; but sometimes found in company with other trees. It forms a tall tree from 70 to 100 feet in height. The long, slender branches, drooping gracefully to the ground, present so beautiful a picture, that it is indeed difficult to surpass it, and, in fact, this tree now ranks as one of the most beautiful of all the conifers. As a screen, this tree is greatly admired, and as it bears the shears well, grows thrifly, is of a dark green color, and very dense, it will increase in the estimation of the planter and be planted more extensively.

THUJA, AMERICAN ARBOR VITAE.

This tree in ornamental plantations, bears a conspicuous part; for not only do they form desirable specimen trees, but are very useful in forming screens and hedges. They bear the knife or shears with perfect impunity, the plants thickening up to a degree of density rarely surpassed by any other evergreen. Its timber is very valuable. It grows about 50 feet in height and forms a handsome, conical tree, with the lower branches resting on the ground. It is one of the most hardy and desirable species for small places, owing to the ease with which it is cultivated and its exceeding rapid growth. Posts made from this tree last from 35 to 40 years. It yields a pungent, aromatic oil; and the whole plant when slightly disturbed, emits a peculiar, but very pleasant, spicy fragrance. Its value as a hedge plant is now fully appreciated, both in Europe and America.

COME AND SEE US.

In our Nursery you can see what we are growing and what we are doing. We make a practice of growing our own stock and are always glad to show our customers what we have got. In addition to our general list we beg leave to call the attention of the public to the following hardy and select assortment:

APPLES, RUSSIAN.

✓ Red Anis, Striped Anis, Rosy Aport, Repka Malenka, and Pointed Repka, 4 to 5 feet, 50 cents each, \$5 per dozen; 2 to 4 feet, 40 cents each, \$4 per dozen.

APPLES.

Patten's Greening, 4 to 5 ft., 40 cents each; 4 to 6 ft., 50 cents each; 6 to 7 ft., 75 cents each.

PLUMS.

	EACH.	DOZ.	100.
Prunus Simoni, or Apricot Plum, from China	1 00	10 00	
Prunus Pissordii, from Persia	1 00	10 00	
Lincoln	1 00	10 00	
Satsuma Blood	1 00	10 00	
Spaulding	1 00	10 00	

APRICOTS.

Alexander, from Russia	1 00	10 00
Alexis, from Russia	1 00	10 00
Breda, from Russia	1 00	10 00
J. L. Budd, Improved Russian	1 00	10 00

CURRANTS.

La Versailles	10	1 00
Lee's Prolific	25	2 50
Crandall	1 00	10 00

PEARS.

Bartlett, Flemish Beauty, Kieffer, LeConte, standard, first-class, 5 to 6 ft., 50 cents each, \$5 per dozen; 3 to 5 ft., 40 cents each, \$4 per dozen. Idaho, 3 to 5 ft., \$2 each. Lawson, or Comet, \$1 each. Wilder, 2 yrs., \$1.50 each.

GRAPES, 2 YEARS OLD.

Draycut Amber, early red	50	5 00
Eaton, black, very large	1 00	
Moore's Diamond, white	1 00	
Woodruff Red	1 00	
Wyoming Red, very early	50	
Green Mountain, 1 yr	1 25	
Downing's Black, very early, 1 yr	1 50	

DEWBERRY.

Lueretia	50
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GOOSEBERRIES.

Golden Prolific, 2 yrs.	60	6 00
Industry, 2 yrs.	50	5 00

YELLOW RASPBERRIES.

Golden Queen, very fine	1 00
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BLACK RASPBERRIES.

Progress	50
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Wineberry.....	1 00	10 00
Thompson's Early.....		1 00
Cromwell		50

IMPROVED DWARF JUNEBERRY.

Success	1 00	
Osage	1 00	

Purple Leaved Barberry.....	25	2 50
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STRAWBERRIES.

Eureka, P.....	80	
Florence, S.....	2 00	
Mrs. Cleveland, P.....	2 00	
Capt. Jack, S.....	50	
James Vick, S.....	50	
Bubach No. 5, P.....	50	
Cumberland, S	50	
Gaudy, S.....	1 00	
Gardner's Seedling, No. 2	1 50	
Gardner's Seedling, No. 3	1 50	
Lovett's Early	2 00	
Shuster's Gem, S	1 00	
Parker Earle, S.....	1 00	

HONEYSUCKLE.

White or pink, extra fine, improved.....	50	
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FOREST TREES.

Black Walnut, 12 to 20 in.....	4 00	
Butternut, 3 to 4 ft.....	10 00	
Russian Mulberry, 12 to 24 in.....	4 00	
White Birch, 1 to 2 ft	5 00	

VEGETABLES.

Conover's Colossal Asparagus, 1 year, 25 cents per doz., \$1 per hundred. Barr's Mammoth Asparagus, 30 cents per doz., 80 cents per hundred. Horse Radish, 25 cents per doz., 75 cents per hundred. Rhubarb, select, 75 cents per doz., \$4 per hundred.

When a traveling agent tells you that the Osage Nursery does not grow or deal in anything but Evergreens, just set him down for a liar of the first quality. All our stock is well grown and first-class in every respect, and is not to be compared with stock sold by parties who have no nursery and who buy job lots to fill their orders, from Alabama and other Southern States. We have many varieties of fruits and plants that we have on trial, that we have not mentioned in this Catalogue.

Come and See Us.

We have on our grounds many varieties of trees not enumerated in the foregoing lists. We have them all ages, from one to twenty-one years old. Come and inspect our groves of Pine, Larch, and other trees, and see what can be done in the way of growing forests on bleak, bare prairie lands. We keep in stock all varieties of trees and plants mentioned in this Catalogue. We not only keep all kinds of hardy fruit trees and plants for sale, but we have most of them on our grounds in bearing, to show our customers when they visit us. Come and see if we have not the best Nursery to be found in the Northwest. Write for estimates.

OUR ONE DOLLAR PACKAGES.

PACKAGE

- No. 1. 50 Scotch Pine, 1 yr. 50 Norway Spruce, 1 yr.
- No. 2. 100 Scotch Pine, 1 yr.
- No. 3. 75 Norway Spruce, 1 yr. 25 White Pine, 1 yr.
- No. 4. 75 White Pine, 1 yr. 25 White Spruce, 1 yr.
- No. 5. 25 Norway Spruce, 3-6 in. 30 Scotch Pine, 6-10 in.
- No. 6. 50 Scotch Pine, 6-10 in.
- No. 7. 75 White Spruce, 1 yr. 25 White Pine, 1 yr.
- No. 8. 50 White Pine, 2 yr., 3-5 in.
- No. 9. 25 White Pine, 2 yr. 25 Scotch Pine, 2 yr.
- No. 10. 15 White Pine, 3-5 in. 15 Scotch Pine, 6-10 in. 15 Norway Spruce, 3-5 in.
- No. 11. 1 Paeony (any color). 1 Snowball. 50 Norway Spruce 3-6 in.
- No. 12. 12 Bidwell, 12 Crescent Strawberries, and 6 Snyder Blackberries.
- No. 13. 12 Glendale, 12 Mrs. Garfield, and 6 Dwarf June Berries, 8-12 in.
- No. 14. 20 Norway Spruce, 1 yr.; 20 Scotch Pine, 1 yr.; 20 White Pine, 1 yr.; 20 White Spruce, 1 yr., and 10 Norway Spruce, 3-6 in.

For one dollar we send any one of the above packages. No change of any kind will be made. These are the only dollar packages we put up. *Six packages for five dollars.* This is a rare chance to obtain trees and plants of fine quality at low rates. Send in your orders early.

GARDNER & SONS.

Osage, Iowa.